What is claimed is:

1. A compound represented by the following formula (I), and the pharmaceutically acceptable salt thereof:

$$R_4$$
 R_3
 R_4
 R_4
 R_3
 R_4
 R_4
 R_5
 R_6
 R_7
 R_8
 R_8
 R_8

wherein

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10 R₁, R₂ is independently a straight or branched lower alkyl or alkoxy group having 1 to 6 carbon atoms, a polyethyleneglycol group or a sulfonyl group;

R₃ is a hydrogen atom, an alkoxy group having 1 to 6 carbon atoms or a polyethyleneglycol group;

R₄ is a hydrogen atom, a hydroxyl group or an alkoxy group having 1 to 6 carbon atom,

A is linked directly or bridged with oxygen atom, which can be chelating with transition metal ion comprising Ni metal ion.

2. The compound of Claim 1, wherein R₁, R₂ is selected from the group consisting of an ethyl group, a propyl group, an ethyleneglycol group, diethyleneglycol group, triethyleneglycol group, tetraethyleneglycol group, hexaethyleneglycol group, heptaethyleneglycol group or a methoxyethyleneglycol group; R₃ is selected from the group consisting of a hydrogen atom, an ethyl group, a propyl group, a methoxy, an ethoxy group, an ethyleneglycol group, triethyleneglycol group, hexaethylene group; R4 is a hydrogen atom, a hydroxyl group or an methoxy group; and A is linked directly providing that R₁ and R₂ is the same group and R₂ is different from R₁ or R₃.

3. A compound represented by the following formula (II), and the pharmaceutically acceptable salt thereof:

wherein

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 R_1 , R_2 is independently a straight or branched lower alkyl or alkoxy group having 1 to 6 carbon atoms, a polyethyleneglycol group or a sulfonyl group, which can be chelating with transition metal ion comprising Ni metal ion. wherein X is oxygen atom; A is -CH₂-; R_1 is hydrogen atom or aminoethyl group; R_2

4. A compound represented by the following general formula (III), and the pharmaceutically acceptable salt thereof:

is an hydrogen or halogen atom or an alkyl group having 1 to 6 carbon atoms.

wherein

R₁ is a polyethyleneglycol group;

R₄ is a hydrogen atom or a hydroxyl group.

5. A compound represented by the following general formula (IV), and the pharmaceutically acceptable salt thereof:

(IV)

wherein

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10 R₂ is a bromopropyl group, or a polyethyleneglycol group; R₄ is a hydrogen atom or a hydroxyl group.

6. A compound represented by the following general formula (V), the pharmaceutically acceptable salt thereof:

wherein

20 R₁ is a methyl, ethyl group, or an ethyleneglycol group.

7. A compound represented by the following general formula (VI), the pharmaceutically acceptable salt thereof:

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wherein

R₁, R₂ is independently a polyethyleneglycol group.

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8. A compound represented by the following general formula (VII), the pharmaceutically acceptable salt thereof:

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wherein

R₁ is a polyethyleneglycol group.

9. A pharmaceutical composition comprising the compounds of formula (I) to (VII) as set forth in claim 1 to 8 or pharmaceutically acceptable salt thereof as an active ingredient together with a pharmaceutically acceptable carrier to treat or prevent various cancers by way of reproducing singlet state oxygen radical and superior cell cytotoxic activity.

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- 10. The pharmaceutical composition of Claim 9, wherein cancers are selected from the group consisting of stomach cancer, liver cancer, lung cancer, cervical cancer and breast cancer in human or mammal.
- 11. A photodynamic diagnostic and treating agents comprising the compounds of formula (I) to (VII) as set forth in claims 1 to 8 or pharmaceutically acceptable salt thereof as an active ingredient together with a pharmaceutically acceptable carrier to treat or prevent various cancer by way of reproducing singlet state oxygen radical and superior cell cytotoxic activity.
- 12. A method of treating or preventing various cancers such as stomach cancer, liver cancer, lung cancer, cervical cancer, stomach cancer, breast cancer in human or mammal, wherein the method comprises administering a therapeutically effective amount of the compound of formula of (I) to (VII) as set forth in claims 1 to 8 or pharmaceutically acceptable salt thereof.
- 13. A method of photodynamic diagnostic various cancers such as stomach cancer, liver cancer, lung cancer, and cervical cancer, stomach cancer, breast cancer in human or mammal, wherein the method comprises administering a therapeutically effective amount of the compound of formula of (I) to (VII) as set forth in claims 1 to 8 or pharmaceutically acceptable salt thereof.